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भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 24] नई विल्सी, शनिवार, जून 17, 1989 (ज्येष्ठ 27, 1911)

No. 24] NEW DELHI, SATURDAY, JUNE 17, 1989 (JYAISTA 27, 1911)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिसमें कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III--SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधि सूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 17th June 1989

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

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Unit No. 401 to 405, JII Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh.
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

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Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M. S. O. Building,
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Calcutta-700 020.

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एनस्व तथा अभिभाव्य

कलकत्ता, दिनांक 17 जून 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जॉन के आधार पर निम्न रूप में प्रदर्शित हैं:—

पेटेंट कार्यालय शाखा, टोडी गुजरात, महाराष्ट्र तथा मध्य प्रदेश इस्टेट, तीसरा तल, लोअर परेल (पश्चिम), बम्बई-400013।

तार पता—“पेटेंटफिस”

पेटेंट कार्यालय शाखा, एक सं० 401 से 405, तीसरा तल, नगरपालिका बाजार भवन, सरस्वती मार्ग, करोल बाग, दिल्ली-110005।

तार पता—“पेटेंटोफिस”

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दामन तथा दिव एवं दादरा और नगर हवेली।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

पेटेंट कार्यालय शाखा,

61, बालाजाह रोड,

मद्रास-600002

तार पता—“पेटेंटफिस”

आंध्र प्रदेश, कर्नाटक, केरल,

तमिलनाडु राज्य क्षेत्र

एवं संघ शासित क्षेत्र पाण्डिचेरी,

लक्ष्मीपुर, मिनिकाय तथा एमिनि-

दिवि द्वीप।

पेटेंट कार्यालय (प्रधान कार्यालय), भारत का अवशेष क्षेत्र। निजाम पैसेस, द्वितीय वन्दुस्तीय कार्यालय भवन, 5, 6 तथा 7वां तल, 234/4, आचार्य जगदीश बोस रोड, कलकत्ता-700020।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क:—शुल्कों की अधायगी या तो नक्कद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रण को भुगतान योग्य धनादेश अथवा डॉर आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

CORRIGENDUM

In the Gazette of India, Part-III, Section-2, dated the 27th May, 1989.

(a) In respect of Patent Application No. 243/Mas/89 :—

Mobil Oil Corporation. A process for hydro-dewaxing a hydrocarbon feedstock boiling above about 280°C (550°F) to produce a dewaxed lubricating-oil base stock. (Divided out of Patent Application No. 829/Mas/85).

Read as 243/Mas/89. Corning Glass Works. High index photochromic glasses.

(b) In respect of Patent Application No. 244/Mes/89 :—

Corning Glass Works. High Index photocromic glasses.

Read as 244/Mas/89. Stamicarbon B. V. Process for the preparation of cyclohexanol and/or cyclohexanone.

(c) In respect of Patent Application No. 245/Mas/89 :—

Stamicarbon B. V. Process for the preparation of cyclohexanol and/or cyclohexanone.

Read as 245/Mas/89. Tecumseh products Company. Scroll compressor.

(d) In respect of Patent Application No. 246/Mas/89 :—

Tecumseh Products Company. Scroll compressor.

Read as 246/Mas/89. Cogent Limited. Detection system for explosives.

(e) In respect of Patent Application No. 247/Mas/89 :—

Cogent Limited. Detection system for explosive.

Read as 247/Mas/89. Mobil Oil Corporation. A process for hydrotreating a hydrocarbon feedstock boiling

above about 288°C (550°F) to produce a dewaxed lubricating oil base stock. (Divided out of Patent Application No. 829/Mas/85).

THE PATENT OFFICE

Calcutta, the 17th June 1989

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The date shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 9th May 1989

348/Cal/89. Luxembourg Industries (Pamol) Ltd. Production of 3, 5, 6-Trichloropyridin-2-ol and novel intermediates thereof.

349/Cal/89. Lunar Radiaton, Inc. Ultrasonic densitometer device and method.

350/Cal/89. Hitachi Construction Machinery Co. Ltd. Hydraulic drive system for crawler mounted construction vehicle.

351/Cal/89. Hoechst Aktiengesellschaft. Process for the Preparation of 4-Chloro-2, 5-dimethoxyaniline.

352/Cal/89. MDT Corporation. Lighthead assembly.

353/Cal/89. MDT Corporation. Temperature control method for an ethylene oxide sterilization cycle.

354/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to modular, reconfigurable, remotely operable service arm.

355/Cal/89. Victor Company of Japan, Ltd. Apparatus for detecting distribution of electric surface potential.

The 10th May 1989

356/Cal/89. Ram Jiban Bhattacharya. An invention for the construction of a keyboard musical instrument of twenty two notes per octave suitable for Indian melodies.

357/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to real time process control using multiple communication networks.

358/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to high performance memory imaging network for a real time process control system.

359/Cal/89. Texaco Development Sorporation. Novel VI improver dispersant, and anti-oxidant additive and lubricating oil composition containing same.

360/Cal/89. Siemens Aktiengesellschaft. Sintered contact material based on silver for use in power-engineering switchgear, in particular for contact pieces in low-voltage switches.

361/Cal/89. Oleg Sergeevich Ershov; Gerasim Panteleimonovich Lepnev; Tamara Mikhailovna Grekovich; Mikhail Mikhailovich Shultz. Glass electrode for measuring inorganic activity in a solution.

362/Cal/89. Tsentralny Nauchno-Issledovatel'sky I Proektno-Experimentalny Institut Organizatsii Mekhanizatsii I tekhnicheskoi Pomoschi Stroitelstvu i Institut Gornogo Dela Sibirskogo Otdelenia Akademii Nauk SSSR. Apparatus for making holes in soil.

The 11th May 1989

363/Cal/89. Mediolanum Farmaceutical Srl. Process for the preparation of a thioether compound.

364/Cal/89. Leybold Aktiengesellschaft. Procedure for the Extraction of metals from the oxide of the Group titanium, zirconium, chromium, samarium and neodymium.

365/Cal/89. O & K Orenstein & Koppel Ag. A device for the crushing of soft materials in particular.

The 12th May 1989

366/Cal/89. General Electric Company. Locomotive wheel-slip control system.

367/Cal/89. Institut Strukturnoi Makrokinetiki Akademii Nauk SSSR. Method of preparing silicon nitride with a high α -phase content.

368/Cal/89. Stelco Inc. Method and apparatus for continuous strip casting.

369/Cal/89. Zimpro/Passavant Inc. Process for treatment of water containing volatile and toxic compounds.

The 13th May 1989

370/Cal/89. Sourindra Mohan Roy. Improved Electronic Metronome for Hindustani Music.

371/Cal/89. Sri Prakash Chakraborty. Hydrocarbon gas.

372/Cal/89. Alfa-Laval Thermal AB. Plate Evaporator.

373/Cal/89. Nabisco Brands Inc. Product and Process for increasing enzyme adsorption.

374//Cal/E. I. Du Pont De Nemours and Company. A process for reducing fluoride levels in poly (tetramethylene ether) glycol.

375/Cal/89. Siemens Aktiengesellschaft. Electronic module.

376/Cal/Merck Patnet Gesellschaft Mit Beschränkter Haftung. Weather-resistant pearlescent pigment and process for producing the same.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, III RD FLOOR, KAROL BAGH, NEW DELHI-5

The 24th April 1989

363/Del/89. The Procter & Gamble Co., "Absorbent Article".

364/Del/89. The Procter & Gamble Co., "Absorbent article".

The 25th April 1989

365/Del/89. Westinghouse Brake & Signal Holdings Ltd., "Brake equipment". (Convention date 28th June, 1988) (U. K.).

366/Del/89. Hans Zumstein, "Improvements in or relating to a driving device to be driven by the driving wheels of a motor vehicle".

367/Del/89. Mario Di Maio S.p.A., "Diamond-milling machine, in particular for goldsmith's industry".

368/Del/89. L'Aair Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude, "Heat and material exchanging device and method of manufacturing said device".

The 26th April 1989

369/Del/89. U Son Traders, "Improved valve for regulating the flow of gases".

370/Del/89. Steel Authority of India Ltd., "A rotary joint for purging inert gases into L.D. converters".

371/Del/89. International Paint Public Ltd. Co., "Paint". (Convention date 16th May, 1988) (U.K.).

327/Del/89. Ardent Computer Corporation, "Graphics control planes".

373/Del/89. C. R. Bard, Inc. "Guidewire extension with self-latching detachable connector".

374/Del/89. Allegheny Ludlum Corporation, "Method of refining magnetic domains of electrical steels using phosphorus".

375/Del/89. C. R. Bard, Inc., "Self-sealing guidewire and catheter introducer".

The 27th April 1989

376/Del/89. Girdhari Lal Chouragadey, "Modern Multi-purpose working easel "Mayoor".

377/Del/89. Aerospatiale Societe Nationale Industrielle, "Rotary-wing aircraft rotor head having resilient-return interblade ties with built-in damping".

The 28th April 1989

378/Del/89. National Council for Cement & Building Materials, "A process for preparation of calcium silicate hydrate products".

379/Del/89. Thome Crepelle, "Direct flow valve".

380/Del/89. Beda Oxygentechnik Armaturen GMBH, "Lance holder for a compact lance".

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TUDI ESTATES, IIIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W), BOMBAY-13

The 24th April 1989

- 104/Bom/89. Vasant Pandurang Koparde. Non return valve.
 105/Bom/1989. M. D. Agrawal. Memory Playing Cards.
 106/Bom/1989. M. D. Agrawal. Mini nicotine scatter for cigarette or cigar or bidi.
 107/Bom/1989. Parimal & Co. A method of measuring electric power using pilferproof current transformer block for connection to energymeter.
 108/Bom/1989. Harilal Laxmichand Parekh. An improved stove.
 109/Bom/1989. Saleem Essop. A liquid separating apparatus.
 110/Bom/1989. Saleem Essop. A skimming' apparatus.

The 27th April 1989

- 111/Bom/1989. Gujarat Agro Industries Corporation Limited. Seed cum fertiliser drill.

The 28th April 1989

- 112/Bom/1989. Hindustan Lever Limited. Detergent compositions and process for preparing them.
 29th April 1988 Gr. Britain.
 113/Bom/1989. Hindustan Lever Limited. Process for preparing detergent compositions.
 29th April 1988 Gr. Britain.
 21st July 1988, Gr. Britain.
 114/Bom/1989. Hindustan Lever Limited. Detergent compositions and process for preparing them.
 21st July 1988, Gr. Britain.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
 MADRAS-600 002

The 1st May 1989

- 329/Mas/89. Penguin Envelopes Company. Swellable Non-woven sheets/papers ribbons/packets/in any specified shapes.
 330/Mas/89. S. K. Garg and Robert E. Eischer. Fresnel lens housing used for projection of Tvs and Video particularly and besides many other uses.
 331/Mas/89. Maschinenfabrik Rieter AG. A method of and apparatus for producing a uniform sliver.
 332/Mas/89. HYLSA, S. A. DE C. V| Start-up method for a direct reduction process without an external reformer.
 333/Mas/89. IMPROVER CORPORATION. Depilatory device.
 334/Mas/89. ADRIAN MARCH LIMITED. A position sensor for a method of detecting changes in the relative position of two bodies using a position sensor. (Divided out of the Patent Application No. 706/MAS/85).
 335/Mas/89. Transaction Technology, Inc. Computer and telephone apparatus with user friendly computer interface and enhanced integrity features.

The 2nd May 1989

- 336/Mas/89. Henkel Kommanditgesellschaft auf Aktien. Stabilized particulate hydrogtr peroxide adacts and their use.

337/aMs/89. Robert Henry Abpalnalp. A valved pressure container having an aqueous saline solution therein and a method for sterilizing the container. (23rd March 1989; GB).

338/Mas/89. Tomoe Technical Research Company. Butterfly valve having a function for measuring a flow rate and method of measuring a flow rate with a butterfly valve.

The 3rd May 1989

339/Mas/89. Allam Sudhakar Rao. Varying horse power technique.

340/Mas/89. Dr. R. Rangaswamy. A process for extracting good quality Industrial K-carageenam from the red seaweed Hypnea valentiae (Turn.) Mont.

341/Mas/89. Menkal Kommanditgesellschaft auf Aktien. An evaporation inhibitor for spray mixtures of agricultural chemicals. (Divided out of the Patent Application No. 797/MAS/85).

342/Mas/89. MASCHINENFABRIK RIETER AG. Method for reducing the tackiness of the fibres of cotton flocks contaminated with honeydew.

343/Mas/89. Americal telephone and Telegraph Company. Animal-Resistant cable.

The 4th May 1989

344/Mas/89. ISOWORTH LIMITED. Carbonation apparatus, (17th May 1988 and 11th July 1988; U.K.).

345/Mas/89. NUOVA SAMIM S.p.A. Continuous Electrochemical Analyzer.

346/Mas/89. ISOWORTH LIMITED. Gas cylinder Connector. (17th May 1988 UK).

347/Mas/89. Concep t R.K.K. Limited. Closed cryogenic barrier for containment of hazardous material migration inthe earth.

The 5th May 1989

348/Mas/89. V. Balagurusamy. Water supply pump.

349/Mas/89. STAMICARBON B. V. Process for the continuous forming of highly stretchable gal filaments, tapes, tubes and films from suspension of high molecular weight polymers. (Divided out of Patent Application No. 711/MAS/85).

350/Mas/89. THE DOW CHEMICAL COMPANY. Process and apparatus for use with pressurized reactors.

351/Mas/89. Union Carbide Corporation. Process for the removal of Sulfides.

352/Mas/89. VAMATEX Spl. Strap controlling the motion of weft yarn grippers in shuttleless looms.

353/Mas/89. ALLIED TUBE & CONDUIT CORPORATION. Metallic Wall having Coined knowckouts and Method of Forming.

ALTERATION

164854
 (244/Cal/87). Anti-dated 27-06-1983.

164860
 (724/Cal/87). Anti-dated 15-02-1984.

PATENTS SEALED									156945	157142	157241	157580	157594	157621	157625
154579	155556	163332	163371	163382	163384	163386			157704	157735	157736	157771	157831	158001	158154
163387	163390	163391	163393	163395	163399	163419			158227	158337	158386	158719	158834	159078	159178
163421	163423	163424	163429	163593	163596	163598			159232	159394	159488	159539	159848	160349	160413
163601	163602	163603	163604	163605	163606	163608			160489	160600	160633	160809	160810	160863	160914
163610	163611	163612	163615	163617	163618	163620			161069	161126	161255	161369	161370	161371	161446
163627	163652	163655	163657	163658	163659	163660.			161711	161761	161814	161967	161991	162035	162182
CAL = 19									162277	162361	162362	162419	162420	162433	162436
DEL = 13									162477	162481	162490	162512	162547	162551	162587
BOM = NIL									162684	162689	162711	162719	162747	162749	162752
MAS = 10									162824	162865	162870	162882	162884	162888	162890
RENEWAL FEES PAID									162901	162907	162908	162909	162921	162930	162942
									162943	162964	162965	162968	162970	163024	163039
									163045	163068	163071	163077	163078	163079	163080
141519	143710	144208	144825	144989	145059	145211			163081	163082	163086	163087	163088	163090	163092
145297	145356	145427	145634	145711	146126	146320			163096	163097	163111	163113	163119	163192	163194
147449	147520	147523	147675	147949	148268	148395			163198	163200	163253	163305	163480,		
OPPOSITION PROCEEDINGS															
The opposition entered by Elpro International Limited to the grant of a patent on application No. 150310 made by Inoue — Japax Research Inc. and Japax Inc. as notified in the Gazette of India, Part-III, Section 2 dated the 12th March, 1983 has been treated as dismissed and ordered that a patent shall be sealed in the prescribed manner.															

STATEMENT REGARDING ASSIGNMENTS OF PATENTS REGISTERED UNDER
SECTION 68 AND 69 FOR THE PERIOD OF SEPTEMBER 1988 TO APRIL 1989

FROM FOREIGNERS TO FOREIGNERS

Patent No.	Patentee	Assigned To	Assigned On	Entry made U/s	Entry Made On
158876	B.F. Good Rich Company, U.S.A.	Good year Tire and Rubber Co.	18-5-88	68	18-1-89
160097	Saarbergwerke AG, West Germany.	Chemische Fabrik Stockhausen GmbH W. Germany	5-9-88	68	21-4-89
160532	Maschinenfabrik Reinhausen Gebruder Schuback GmbH & Co, KG, Germany.	Maschinenfabrik Reinhausen GmbH, Germany.	28-10-88	68	7-4-89
159895	Shatterproof Glass Corp., U.S.A.	The BOC Group, PLC U.K.	7-10-88	68	21-4-89
151796	Enichem Anic S.P.A., Italy	Enichem Fibre S.P.A., Italy	13-10-88	68 & 69	2-5-89
144293	United States Pipe & Foundry Co. U.S.A.	Walter Industries Inc U.S.A.	15-9-88	68 & 69	7-4-89
147773	Do.	Do.	22-9-88	Do.	Do.
158381	Brichim SPA, Italy.	Enichem Synthesis S.P.A. Italy.	10-3-89	Do.	2-5-89
149307	Esmil BV, Netherlands	Eskla BV, Netherlands	20-8-87	Do.	7-12-88
150745	Do.	Do.	Do.	Do.	Do.
156959	Combustion Engg. Inc, U.S.A.	VFR Inc, U.S.A.	27-9-88	Do.	24-4-89
157340	Do.	Do.	Do.	Do.	Do.
161124	Do.	Do.	Do.	Do.	Do.
144958	Maschinenfabrik Reinhausen Gebruder Schuback GmbH Germany	Maschinenfabrik Reinhausen GmbH Germany.	1-3-88	Do.	23-1-89
147467, 148031, 149412, 153233, 153245, 153429, 153430, 158930.	Do	Do.	Do.	Do.	Do.

**STATEMENT REGARDING ASSIGNMENTS OF PATENTS REGISTERED
UNDER SECTION 68 AND 69 FOR THE PERIOD OF SEPTEMBER 1988 TO APRIL 1989**

FROM INDIAN TO INDIAN

Patent No.	Patentee	Assigned to	Assigned on	Entry made U/s.	Entry made on
160404	Council of Scientific & Industrial Research, New Delhi.	NRDC, New Delhi.	16-1-89	68	21-4-89
158837	Do.	Do.	15-8-88	68	21-4-89
158154	Dr. Pharoh Dhunjishaw and others, India.	Do.	28-9-88	68	21-4-89

**STATEMENT REGARDING LICENCE AGREEMENTS OF PATENTS REGISTERED
UNDER SECTIONS 68 AND 69 FOR THE PERIOD OF SEPTEMBER'88 TO APRIL'89**

FROM INDIAN TO INDIAN

Patent No.	Patentee	Licence granted to	Licence granted on	Entry made U/s	Entry made on
145925	National Research Development Corporation of India, New Delhi.	M/s. Hindustan Alloys India	22-6-88	68	23-12-88
146925	Do.	Tata Yodogawa Limited, India.	16-7-87	68	7-12-88
145250	Do.	M/s. Ravi Kumar & Co, Shillong India.	4-4-88	68	23-12-88
Do.	Do.	Shri Amba Cements (P) Ltd Bir Ban Bagh, Hyderabad.	22-9-88	68	20-4-89
Do.	Do.	Shri A.S. Sen, Roychandra Lane, Labon, Shillong.	23-9-88	68	20-4-89
Do.	Do.	Shri Shailendra Vorma	4-8-88	68	21-4-89
Do.	Do.	U.P. Concrete Products (P) Ltd	28-9-88	68	21-4-89
Do.	Do.	G.L. Ramdeo, 207 Gulmohar, Tilak Nagar, Nagpur-10.	14-9-88	68	21-4-89
Do.	Do.	Shri Parminder Singh, P.O. Meemsa, Teh. Dhuri, Dist. Sangrur.	9-12-88	68	20-4-89
Do.	Do.	Shri Mishri Lal Sharma, Nongstoin Meghajaya.	23-9-88	68	21-4-89
Do.	Do.	Shri Ram Narayan Sharma Laitumkhrah Main Road, Shillong.	23-9-88	68	20-4-89
Do.	Do.	Smt. Rashmi Jain, Aradhana Bhawan, Azadpur, Commercial Complex, Azadpur.	11-8-82	68	20-4-89
Do.	Do.	Shri David Lyngdoh Delhi, Lumiaiblot Shillong.	4-4-83	68	22-12-88
Do.	Do.	Shri Prabhu Dayal Jhunjhunwala, Police Bazar, Shillong.	4-4-88	68	22-12-88
Do.	Do.	M/s. Mech Mat Revenue Plot, Shillong.	2-5-88	68	22-12-88
Do.	Do.	M/s. Udayana Cement Private Ltd, Ganesh Ch. Civil Basisthapur, Guwahati.	23-5-88	68	7-12-88
Do.	Do.	Manik Lal Dhar, M/s. Rama Enterprises Shillong.	4-4-88	68	22-12-88
Do.	Do.	Shri Sarjeet Singh Sodhi, 15 Model Town, Pathankot	4-4-88	68	20-12-88

STATEMENT REGARDING LICENCE AGREEMENTS OF PATENTS REGISTERED
UNDER SECTIONS 68 AND 69 FOR THE PERIOD OF SEPTEMBER '88 TO APRIL '88.

FROM FOREIGNER TO FOREIGNER

Patent No.	Patente	Licence granted to	Licence granted on	Entry made U/s	Entry made on
151450	Asca Jumet S.A., a Belgium Company.	Asca Kahel AB, Sweden.	20-5-88	68 & 69	27-10-88

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159880 granted to Dr. Binod Kumar Varma for an invention relating to "a process for obtaining improved Karanj seed animal feedstock on feedstock supplement".

The patent ceased on the 9th September 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 157287 granted to Eagle Flask Pvt. Lt. for an invention relating to "improvements in or relating to a bottle of flask having sucking tubes".

The patent ceased on the 9th September 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 161307 granted to Kosan Toknova A/S for an invention relating to "regulator for mounting on the outlet connection of a gas cylinder or like".

The patent ceased on the 6th January 1989 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the

nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 147362 granted to Sham Bhalchandra Anturkar for an invention relating to "safety attachment of a person climbing up or down a tall object".

The patent ceased on the 11th March 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159624 granted to Shriram Institute for Industrial Research for an invention relating to "a process for the preparation of dibromoneopentyl glycol based polyester resins".

The patent ceased on the 29th June 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159623 granted to Shriram Institute for Industrial Research for an invention relating to "an improved process for the preparation of tetrachlorophthalic anhydride based polyester resin".

The patent ceased on the 29th June 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4,

Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159622 granted to Shriram Institute for Industrial Research for an invention relating to "a process for the preparation of polyester blended resin".

The patent ceased on the 29th June 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159986 granted to Shriram Institute for Industrial Research for an invention relating to "a process for the preparation of hot acid dibromoneopentyl glycol based polyester resins".

The patent ceased on the 2nd December 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159338 granted to Shriram Institute for Industrial Research for an invention relating to "a process for the preparation of polyester resin having flame retardant properties".

The patent ceased on the 10th August 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 15-4-89.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 17th August 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुबान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी नियम के एक महीने के भीतर ही काल होने का आहिं।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतियों, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/रु है। (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त आक रुप्चं। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिं।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो; के साथ विनिर्देशों की टंगित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय से पक्ष-पक्षवाहार द्वारा सुनिश्चित करने के उपरांत उसकी

वाया; पर की जा सकती है। विनिर्देश की मूँछ संख्या के साथ प्रत्येक स्वेच्छुत विनिर्देश के सामने नीचे वर्णित 'चित्र' आरेख को गजों का जाड़ तर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्तान्तरांग समान 4/—रु है) फोटो विधि तरंग प्रभाव का परिकलन किया जा सकता है।

CLASS :

164851

Int. Cl. : A 61 b 5/00; 6/90.

INTERVENOUS FILTER FOR THE THERAPY AND/OR PREVENTION OF PHROMBOEMBOLISM OF THE PULMONARY ARTERY.

Applicant : 2 MOSKOVSKY COSUDARSTVENNY MEDITSINSKY INSTITUT IMENI N. I. PIROGOVA, OF ULITSA OSTROVITYANOVA, 1, MOSCOW, USSR.

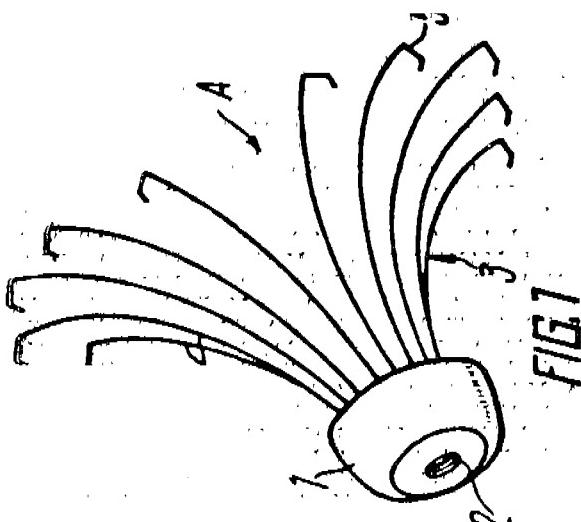
Inventors : (1) VIKTOR SERGEEVICH SAVELIEV, (2) EVGENY GEORGIEVICH YABLOKOV, (3) VLADIMIR ILLICH PROKUBOVSKY, (4) STEPAN MIKHAILOVICH KOLODY, (5) SERGEI VIKTOROVICH SAVELIEV, (6) ARY ALEXEEVICH SMIRNOV, (7) ALEXANDR IVANOVICH KRASNOK.

Application No. 118/Cal/87 filed February 11, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An intravenous filter for the thereby and/or prevention of thromboembolism of the pulmonary artery, comprising a cylindrical holder which carries a thromboembolous-trapping device made with a provision for being fastened in the walls of the inferior vena cava and comprising a set of resilient pins, one end of each pin being secured in the cylindrical holder so that the resilient pins form a cylindrical surface gradually transforming towards the free ends of the resilient pins into a conical surface and the free end of each resilient pin has an L-shaped grip facing the cylindrical holder, outwardly with relation to the conical surface.



Drawings. 2 sheets

Compl. specn. 17 pages.

2-117 GI/89

CLASS :

Int. Cl. : H 04 r 1/00, 7/00, 13/00, 17/00.

ELECTRO-ACOUSTIC TRANSDUCER

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBAKERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

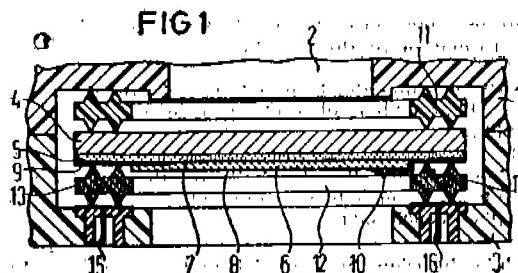
Inventors : (1) DIETZSCH KLAUS, (2) BRANDENBURG GOTTFRIED, (3) OVERBECK STEPHAN.

Application No. 143/Cal/87 filed February 25, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

8 Claims

An electro-acoustic transducer comprising a transducer plate housing a piezo-electric layer which is applied to at least one face thereof and has electrodes on both its sides, an annular edge zone of the transducer plate being free of the piezo-electric layer, and the transducer plate being clamped between bearing elements arranged in a housing, wherein at least one of the bearing elements has at least one electrically conductive zone which is electrically connected on the one hand to the electrodes of the piezo-electric layer and on the other hand to electrically conductive means which are provided in the housing.



CLASS :

164853

Int. Cl. C 01 b 25/18.

IMPROVEMENTS IN PROCESS FOR THE PRODUCTION OF HIGHLY CONCENTRATED PHOSPHORIC ACID.

Applicant : MITSUI TOATSU CHEMICALS, INC., OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) TADASHI INOUE, (2) AKIRA OHKOBA, (3) KUNIO SAKASHITA, (4) AKIRA UTSUNOMIYA, (5) TAKEKI SHINOZAKI, (6) MINORU JEDA.

Application No. 201/Cal/87 filed March 11, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Improvements in the process for the production of highly concentrated phosphoric acid, (having 40 to 55% by weight of P_2O_5) comprising digesting phosphate rock with a mixed acid consisting essentially of sulfuric acid and phosphoric acid to obtain a slurry comprising phosphoric acid and calcium sulfate hemihydrate ($CaSO_4 \cdot 1/2H_2O$), then filtering the slurry, taking out highly concentrated phosphoric acid as a by-product and subsequently hydrating the hemihydrate to

obtain gypsum (dihydrate : $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$), characterised in that :

phosphate rock is mixed into a portion of the slurry comprising highly concentrated phosphoric acid (40 to 35% by weight of P_2O_5) and hemihydrate after completion of the digestion to obtain a premixed slurry;

forming a recycle acid using substantially the bulk of washed filtrate obtained by washing hemihydrate cake from a hemihydrate filter and also using a portion of the highly concentrated phosphoric acid as product acid;

adding concentrated sulfuric acid to the recycle acid to obtain a mixed acid consisting essentially of sulfuric acid and phosphoric acid and having a sulfuric acid concentration in this mixed acid adjusted to less than 60% by weight;

adding this mixed acid to the premixed slurry and allowing digestion to take place at a temperature in the range 20° to 85°C to obtain a slurry comprising highly concentrated phosphoric acid having a concentration of at least 40% P_2O_5 by weight and including a concentration at least 0.5% excess H_2SO_4 by weight and hemihydrate;

cycling a portion of this slurry just obtained as a pre-mixing slurry to a premixer, while filtering another portion thereof by the hemihydrate filter to separate it into the highly concentrated phosphoric acid as product acid and hemihydrate;

using a portion of the product acid just obtained for the formation of the recycle acid;

while washing the hemihydrate cake on the hemihydrate filter with mother filtrate provided from a dihydrate filter;

using substantially the bulk of the resulting washing filtrate from a hemihydrate filter for the formation of the recycle acid;

while slurring the washed hemihydrate cake using washed filtrate obtained by water-washing dihydrate cake from dihydrate filter and also using a two-to five-fold amount of the same slurry, based on the amount of dihydrate slurry obtained after the completion of hydration;

adding concentrated sulfuric acid to the resulting slurry and allowing hydration of the hemidrake to take place under strong agitation to obtain a dihydrate slurry;

filtering this dihydrate slurry by the dihydrate filter followed by water-washing; and

using the resulting mother filtrate for washing hemihydrate cake on the hemihydrate filter.

Compl. specn. 64 pages.

Drg. 1 sheet

CLASS : 90-F.

164854

Int. Cl. : C 03 b 37/00.

A METHOD OF FORMING GLASS FILAMENTS FROM MOLTEN GLASS.

Applicant : OWENS-CORNING FIBERGLAS CORPORATION, AT TOLEDO, OHIO, U. S. A.

Inventors : (1) LAWRENCE JEROME GRUBKA, (2) CLARENCE EDWARD FRACKER.

Application No. 244/Cal/87 filed March 26, 1987.

Divisional of Application No. 796/Cal/83 dated 27-06-1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method of forming glass filaments from molten glass by the apparatus comprising melting means for melting glass, optionally means for conditioning molten glass, and feeder means for receiving molten glass and feeding same in the form of a plurality of strands to attenuation means and means for collecting attenuated glass strands characterized in the said feeder comprising a nenclosed space to hold molten or heat softened glass material, a bottom wall of high temperature resistant material having orifices therethrough; supply means associated with said feeder for supplying heat-softened mineral material to one side of the said bottom wall for discharge from the outlets of the said bottom wall for discharge from the outlets of the said orifices as streams for attenuation into filaments; and flow resistance means positioned in spaced relation to the orificed bottom wall across the interior of said feeder in transverse direction in the supply path of the heat-softened glass material, the flow resistance means being adapted to be effective as the molten glass material moves therethrough during filament formation and adapted to reduce the pressure of the molten glass material sufficiently at the orifices so that, upon a filament breakage at an orifice, flow of glass material therefrom stops, the said method further comprising the steps of supplying the said molten glass formed in the said melter to the feeder member, the molten body of glass being conducted through said feeder and passed further down through the pressure regulating means spaced above the orifices in the bottom plate, thereby imposing a pressure drop in the molten glass and supplying said molten glass to the orifices of the stream forming member at substantially atmospheric pressure during filament formation, so that in the event of a filament break at one of the orifices flow of molten glass from such orifice stops, and attenuating said molten filaments into glass filaments.

Compl. specn. 42 pages.

Drgs. 7 sheets

CLASS :

164855

Int. Cl. : C 08 f 4/00; 15/04; 138/00; 210/12.

METHOD FOR PRODUCTION OF BUTYL RUBBER.

Applicant & Inventors : (1) NADIR MIR-IBRAGIM OGLY SEIDOV, OF BAKU, ULITSA T. ALIEVA, 67/71, KV. 116, USSR, (2) FAIG OMAR OGLY GUSEINOV, OF BAKU, ULITSA L. TOLSTOGO, TUPIK 5, 3, USSR, (3) TOFIQ NIYAZ OGLY ALLAKHVERDIEV, OF SUMGAIIT, 18 KVARTAL, 29A, KV. 8, USSR, (4) VALENTINA YAKOVLEVNA DUBOVA, OF SUMGAIIT, 18 KVARTAL, 35, KV. 62, USSR, (5) VALENTINA FEDOTOVNA MAMEDOVA, OF SUMGAIIT, I MIKROORAION, 16, KV. 18, USSR, (6) ISLAM ISABALA OGLY MAMEDOV, OF SUMGAIIT, 30 KVARTAL, 23, KV. 5, USSR, (7) ALEXANDR MATVEEVICH GOLOVACHEV, OF TOLYATTI, ULITSA K. MARXA, 64, KV. 8 USSR, (8) ULCHAR ASHRAFOVICH MAMEDOV, OF MOSCOW, ULITSA SHIPLOVSKAYA, 20, KV. 53, USSR, (9) EFTIMOISEEVICH SIRE, OF TOLYATTI, ULITSA K. MARXA, 64, KV. 27, USSR, (10) LZUBOV PETROVNA BATAEVA, OF TOLYATTI, ULITSA CORKOGO, 29A, KV. 9, USSR, (11) ANATOLY EFREMOVICH TOKAR, OF TOLYATTI, ULITSA MIRA, III, KV. 44, USSR, (12) IGOR PETROVICH BATAEV, OF TOLYATTI, ULITSA GORKOGO, 29A, KV. 9, USSR, (13) FARKHAD AKHAD OGLY ALIEV, OF BAKU, ULITSA MUKHTADIAR, 5, KV. 12, USSR, (14) KASUM GASAN OGLY KASUMOV, OF BAKU, ULITSA R. LJUXEMBURG, 23, KV. 19, USSR.

Application No. 119/Cal/87 filed February 11, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An electronic holding circuit for two-loop telephone supplied via subscriber line, comprising a microprocessor control unit, a rectifier bridge for reverse polarity protection in each subscriber line, a push-button block for subscriber dialling and special functions, and with the requisite speech circuit including a change-over device for switching over from one subscriber line to the other, a respective holding circuit being provided between the wires of each subscriber line, consisting of the series combination of a respective optically-driven thyristor, a load resistor and a series transistor, the base current for the series transistor being branched from the holding current of the associated thyristor, which has a respective transistor opto-coupler serving as switch arranged in the base circuit, and both the thyristor and the transistor opto-coupler in each case being connected via a control line to control outputs of the microprocessor.

Compl. specn. 7 pages.

Drg. 1 sheet

CLASS :

164859

Int. Cl. : C 01 b 33/12; C 01 d 3/04.

PROCESS FOR THE MANUFACTURE OF PURE POTASSIUM CHLORIDE AND SIMULTANEOUS PRODUCTION OF PURE SILICA FROM BLACK MICA.

Applicants & Inventors : KUNAL GHOSH, 'PRANTIK', 40 KUMUD GHOSH ROAD, CALCUTTA-700 057, INDIA AND CHANDRIKA VARADACHARI, 4A RATNABALI, 7A JUDGES COURT ROAD, CALCUTTA-700 027, INDIA.

Application No. 636/Cal/87 filed August 14, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A process for the manufacture of pure (above 99%) potassium chloride from black mica, which process comprises heating black mica, shredded/ground to pass through 80 mesh B.S. sieve, with hydrochloric acid of concentration between 35% and 28.6% by weight, at 100°C for a few hours, filtering to separate hydrated silica, evaporating the filtrate to dryness treating the solid residue with water and an excess of basic compound such as herein described, filtering to remove hydroxides of iron and aluminium, treating the filtrate with enough 6N sulphuric acid to precipitate calcium ions as calcium sulphate which is removed by filtration and finally obtaining pure (above 99%) potassium chloride from the filtrate.

Compl. specn. 11 pages.

Drg. NII

CLASS : 6-B₂; 40-F, H, I.

164860

Int. Cl. : G 01 n 25/34.

A GAS SAMPLING DEVICE

Applicant : THE BABCOCK & WILCOX COMPANY, OF 1010 COMMON STREET, P. O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, U. S. A.

Inventor : GEORGE ROBERT HALL II.

Application No. 720/Cal/87 filed September 09, 1987.

Divisional of application No. 104/Cal/84 dated 15-02-84.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

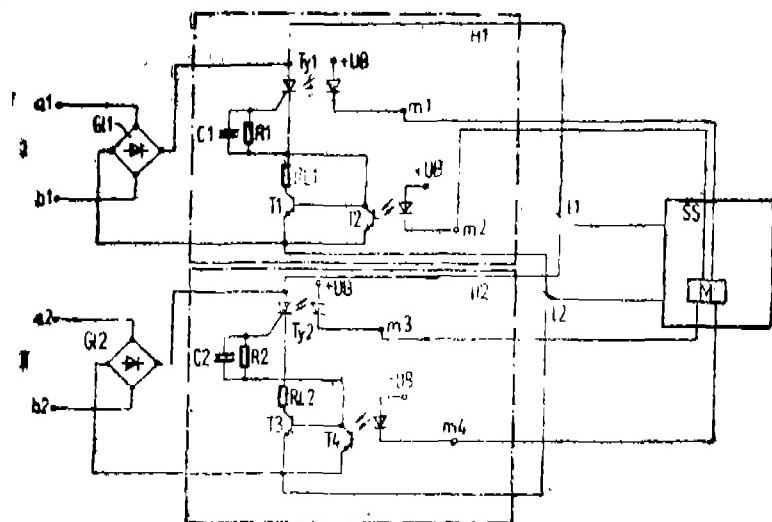
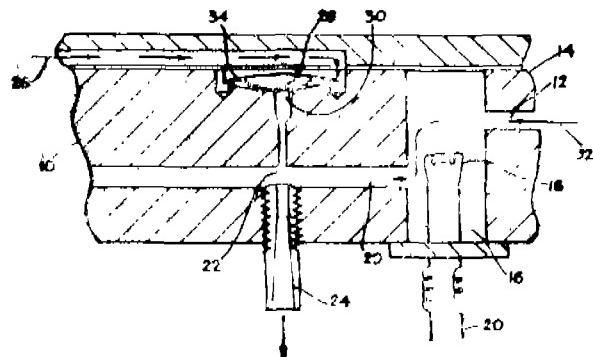
6 Claims

A gas sampling device comprising :

means defining a gas sampling chamber having a gas sensor in said chamber;

a sample gas inlet connected into said gas sampling chamber;

means for moving sample gas between said gas sampling chamber and said exhaust line including a switching chamber located therebetween, a bi-metallic element disposed in said chamber and being flexible and responsive to temperature change so that in a first flexed position it stops the flow between said gas sampling chamber and said exhaust line while allowing flow therebetween in a second flexed position; an wherein said switching chamber is larger than said bi-metallic element to make said element free-floating therein.



Compl. specn. 10 pages.

Drgs. 3 sheets

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 160354. Amsted Industries Incorporated, of 44th Floor, Boulevard Towers South, 205 North Michigan Avenue, Chicago, Illinois 60601, U.S.A., a Corporation of Delaware, U. S. A. "a Friction Shoe". 4th November, 1988.

Class 1. No. 160648. Earl Bihari Private Limited, (a company incorporated under the Indian Companies Act) at 148-B, St. Cyril's Road, Bandra, Bombay-400 050, State of Maharashtra, India. "HJNG". 17th January, 1989.

Class 3. No. 160353. Amsted Industries Incorporated, of 44th Floor, Boulevard Towers South, 205 North Michigan Avenue, Chicago, Illinois 60601, U.S.A., a Corporation of Delaware, U.S.A., "a Pad for a Friction Shoe". 4th November, 1988.

Class 3. No. 160366. Neeraj Toy Industries, 6/266, Geeta Colony, Delhi-110031, India. "Horse". 11th November, 1988.

Class 3. No. 160597. Eagle Flask Industries Private Limited, (an Indian Company) at Eagle Estate, Talegaon-410 507. District-Pune, State of Maharashtra, India. "ICE PAIL". 29th December, 1988.

Class 3. No. 160603. Asha Handicrafts, a Registered Partnership Firm of 84, Marol Co-operative Industrial Estate, M. Vasavji Road, Andheri (East) Bombay-400 059, Maharashtra, India. "Tiffin Carrier". 30th December, 1988.

Class 3. No. 160604. Asian Advertisers, a Registered Partnership Firm of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India. "TRAY". 30th December, 1988.

Class 3. No. 160606. Asian Advertisers, a Registered Partnership Firm of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India. "Calender". 30th December, 1988.

Class 3. No. 160608. Asian Advertisers, a Registered Partnership Firm of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India. "Lunch Box". 30th December, 1988.

rashtra, India. "Lunch Box". 30th December, 1988.

Class 3. No. 160609. Asian Advertisers, a Registered Partnership Firm of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India. "POT". 30th December, 1988.

Class 3. No. 160649. Eagle Flask Industries Private Limited, an Indian Company, at Eagle Estate, Talegaon-410 507, Pune, State of Maharashtra, India. "Flask". 17th January, 1989.

Class 3. No. 160694. Crystal Plastics & Metallizing Private Limited, Sanghi House, Palkhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400025, Maharashtra, India, a Private Limited Company incorporated under the Indian Companies Act. "Hair Comb". 31st January, 1989.

Class 3. No. 160697. Geep Industrial Syndicate Limited, of 28 South Road, Allahabad, U. P., India, an Indian Company. "a Touche". 1st February, 1989.

Class 3. 160746. Agromach, an Indian registered Partnership firm, of 11/12 Nahar & Seth Industrial Estate, Chakala Road, Andheri (East), City of Bombay-400 099, State of Maharashtra, India. "Bottles". 2nd February, 1989.

Class 4. No. 160404. JG Glass Limited, Pimpri, Pune-411018, Maharashtra, India, an Indian Company. "Bottle". 16th November, 1988.

Class 4. No. 160745. Agromach, an Indian registered Partnership firm, of 11/12 Nahar & Seth Industrial Estate, Chakala Road, Andheri (East), City of Bombay-400 099, State of Maharashtra, India. "Bottles". 22nd February, 1989.

Class 7. No. 159183. Sparr Equipments Private Limited, an Indian Company, 122/1, Railway Colony Road, Yeshwanthpur, Bangalore-560 022, Karnataka State, India. "Extendable Bowell Rig". 22nd December, 1987.

Copyright extended for the 2nd period of five years.

Nos. 154499, 154767. Class-1.

Copyright extended for the Third period of five years.

Nos. 154068, 154069. Class-4.

R. A. ACHARYA,
Controller General of Patent,
Design and Trade Marks

